

BDM-2000

Micro Inverter



Features

Convenient

- DC overload up to 50%
- Inter-connectable with other NEP microinverter models
- Built-in PLC or WiFi

Safe and Reliable

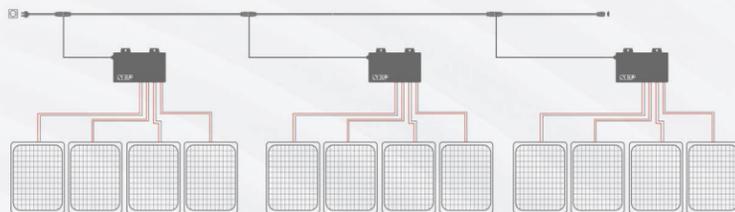
- Integrated grounding for easy installation
- IP 67 enclosure rating

Global Certified

- U.S. California Rule 21 Certified
- "UL1741, SAA, TUV, VDE-AR-N 4105, VDE, 0126, G83/2, CEI 0-21, IEC 61727, EN50438, Tor Erzeuger Typ A"

Efficient

- MPPT activated for each panel
- High efficiency with 97.1%



More effective | Max. Efficiency 97.1%

Global Certification | C-ETL-us, SAA, TUV, VDE-AR-N 4105, VDE 0126, G83

More secure | Built-in grounding
Lightning protection 6000V

More Reliability | IP67

Model

BDM-2000

Input DC	BDM-2000
Recommended PV Module Power Range /W	750 x 4
MPPT Voltage Range /V	22-55
Startup Voltage /V	24
Max. Input Voltage /V	60
Max. Input Current /A	18 x 4
Overvoltage Protection Category	II
Output AC	BDM-2000
Peak Output Power /VA	2000
Max. Continuous Output Power /VA	1920
Rated Output Voltage /V	230
Nominal Output Voltage Range /V	Configurable
Max. Continuous Output Current /A	8.3
Nominal Frequency / Range /Hz	50 / Configurable
Power Factor (Nominal/Adjustable Range)	1.0/0.9 leading...0.9 lagging
AC Short Circuit Fault Current Over 3 cycles /Arms	15.3
THDi@Rated Power	<3%
Max. Units per 20A Branch	2
Overvoltage Protection Category	III
Efficiency	BDM-2000
Peak Efficiency	97.3%
MPPT Efficiency	>99.5%
Night Power Consumption /mW	110
General Data	BDM-2000
Operating Ambient Temperature Range /°C	-40~65
Relative Humidity Range	0-100%
Dimensions (W x H x D) /mm	268 x 250 x 42
Weight /kg	6
DC Connector Type	MC4
AC Connection Type (inverter-inverter)	Trunk Cable
Communication Method	PLC or WiFi
Protection Class	IP67

1 The AC voltage range may vary depending on specific country grid
2 The AC frequency range may vary depending on specific country grid